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Fax No. 513-626-1355

Phone No. 513-626-2721

Listed below are the item(s) being submitted with this Certificate of Transmission:**

Number of Pages Including this Page: 12

- 1) Amendment Transmittal – Original + 1
- 2) Amendment – 7 pages
- 3) Notice of Appeal – Original + 1
- 4)
- 5)

Inventor(s): Donn Nelson Rubingh et al.

S.N.: 09/646,984

Filed: September 25, 2000

Case: 7070

Comments:

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Stop AP, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 17, 2004	
Laura L. Frieko	52,920
Name of Attorney/Agent	Registration No.
<i>Laura L. Frieko</i>	<i>52,920</i>
Signature of Attorney	

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE
RESPONSE/AMENDMENT**

Mail Stop Amendment
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is an AMENDMENT for the patent application:

Application No. : 09/646,984
Applicant(s) : Donn Nelson Rubingh et al.
Filed : September 25, 2000
Title : SERINE PROTEASE VARIANTS HAVING
AMINO ACID DELETION AND SUBSTITUTIONS
TC/A.U. : 1652
Examiner : W.W. Moore
Conf. No. : 3865
Docket No. : 7070
Customer No. : 27752

1. ☒ No additional fees (claims fees or extension fees) are known to be required.
2. ☐ The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA*	RATE	FEE
TOTAL	* 18	MINUS	** 20	= 0	x \$18 =	\$0.00
INDEP.	* 3	MINUS	*** 3	= 0	x \$86 =	\$0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					+ \$290 =	\$0.00
					TOTAL	\$0.00

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

** If the highest number of total claims previously paid for is less than 20, write "20" in this space.

*** If the highest number of independent claims previously paid for is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

3. ☐ The Commissioner is hereby petitioned under 37 CFR §1.136(a) to grant any extension of time needed for timely response to the Office Action dated March 17, 2004 in the above-identified application to preserve pendency of said application. The processing fee under 37 CFR §1.17 has been determined as follows: \$ for a -month extension of time.
4. The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-2480. A duplicate copy of this sheet is attached.
 - a. ☒ Any patent application processing fees under 37 CFR §1.16.
 - b. ☒ Any patent application processing fees under 37 CFR §1.17.
5. The Director is hereby authorized to make any additional copies of this sheet needed to accomplish the purposes provided for herein and to charge any fee for such copies to Deposit Account No. 16-2480.

Laura L. Frieko

Laura L. Frieko
Attorney for Applicants
Registration No. 52,920
Tel. No. (513) 626-2721

Date: June 17, 2004

Customer No. 27752

(Transamd.doc - last revised 4/30/2004)

(transmit to the United States Patent & Trademark Office, Mail Stop AP, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 17, 2004)	
Laura L. Frieko Name of Attorney/Agent	52,920 Registration No.
<i>Laura L. Frieko</i> Signature of Attorney	

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE
RESPONSE/AMENDMENT**

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Laura L. Frieko
 Laura L. Frieko
 Attorney for Applicants
 Registration No. 52,920
 Tel. No. (513) 626-2721

Date: June 17, 2004
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Mail Stop AF, Commissioner for Patents, P.O. Box 1450,
Alexandria, Virginia 22313-1450 on June 17, 2004.

Laura L. Friske 52320
Name of Attorney Reg. No.
Laura L. Friske
Signature of Attorney

Case 7070

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of :
Donn Nelson Rubingh et al. :
Serial No. 09/646,984 :
Confirmation No. 3865 : Group Art Unit 1652
Filed September 25, 2000 : Examiner W.W. Moore
For SERINE PROTEASE VARIANTS HAVING AMINO ACID DELETIONS AND
SUBSTITUTIONS

AMENDMENT AFTER FINAL OFFICE ACTION UNDER 37 CFR §1.116

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Dear Examiner:

INTRODUCTORY REMARKS

In response to the March 17, 2004 Office Action in the above-entitled application, please
amend the application as follows and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of
this paper.

Remarks/Response to Office Action begin on page 6 of this paper.